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CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

COUNTRY USSR

DATE OF INFORMATION 1950 - 1951

SUBJECT Scientific - Electricity, hydroelectric power, committees

HOW PUBLISHED Monthly periodicals

DATE DIST. 10 Mar 1952

WHERE PUBLISHED Moscow

NO. OF PAGES 2

DATE PUBLISHED Nov 1950 - May 1951

LANGUAGE Russian

SUPPLEMENT TO REPORT NO.

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SOURCE Periodicals as indicated.

ACADEMY OF SCIENCES USSR ESTABLISHES POWER-STATION COMMITTEE

[Numbers in parentheses refer to appended sources.]

The Presidium of the Academy of Sciences USSR has established the Committee for Cooperation in the Construction of Hydroelectric Power Stations, Canals, and Irrigation and Water-Supply Systems. Its primary project is to be the organization of scientific resources to assist in the construction of the new giant hydroelectric power stations on the Volga, Amu-Dar'ya, and Dnepr rivers.

The academy's scientists have already accomplished considerable work on the project. A map has been compiled of the natural features of the Turkmen SSR and the lower Amu-Dar'ya region, setting forth prospects for the development of farming by irrigation; it also illustrates the potential economic development and the character of irrigation and water supply for the area. Maps have also been drawn for the southern Ukraine and Crimea, the Middle Volga region, etc. These maps embody a synthesis of the results of lengthy research by geographers, geologists, hydrogeologists, soil scientists, botanists, irrigation engineers, climatologists, etc. A special text accompanies the maps.(1)

The committee is organized under the chairmanship of Academician A. N. Nesmeyanov, President of the Academy of Sciences USSR, who succeeded S. I. Vavilov in both capacities on the latter's death.(2) Academicians A. V. Topchiyev and A. A. Blagoravov and Prof V. A. Kovda were appointed deputy chairmen.

The executive presidium of the committee includes Nesmeyanov, Prof V. A. Kovda, academicians I. P. Bardin, A. V. Topchiyev, A. A. Blagoravov, and G. M. Krzhizhanovskiy, A. V. Vinter, T. D. Lysenko, V. S. Nemchinov, and V. N. Sukachev; I. P. Gerasimov, I. V. Tyurin, T. A. Sarymsakov, corresponding members of the Academy of Sciences USSR; Engr S. Ya. Zhuk (Gidroproyekt), President of the Academy of Sciences Uzbek SSR; A. N. Askochenskiy, Ministry of Cotton Growing USSR; Prof V. F. Vasyutkin, Doctor of Technical Science; A. P. Khmel'nitskiy, Doctor of Technical Science; and A. N. Akhutin and V. I. Dvoryashin.(1, 3)

- 1 -

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To improve and develop science-organization work, the following sections were formed under the committee: hydraulic-engineering section (supervisor, A. V. Vinter; V. I. Dvoryashin, Ye. A. Zamarin, N. A. Tsytovich, M. A. Vellikanov, V. V. Sokolovskiy, M. M. Grishin, A. A. Nichiporovich, B. K. Aleksandrov, V. P. Nedriga); hydraulics section (S. A. Khristianovich, P. Ya. Kochina, I. I. Agroskin, K. A. Mikhaylov); construction-materials section (P. P. Budnikov, B. G. Skramtayev, N. A. Popov); works-production section (supervisor, I. I. Kandalov, head, Technical Administration for Construction and Installation, Ministry of Electric Power Stations; V. D. Zhurin, G. D. Kholin); soil-improvement section (A. K. Kostyakov, V. A. Kovda, P. A. Lentunov, S. A. Mirkin, N. D. Kremetskiy, A. T. Morozov); hydroelectric power-engineering section (supervisor, G. M. Krzhizhanovskiy; N. M. Shchapov, A. A. Beschinskiy, V. S. Kvyatkovskiy); water-transport section (V. V. Zvonkov, P. V. Cherevko, N. N. Dzhunkovskiy, A. A. Tverd'slov); water economy problems section (A. N. Akhutin, Ye. V. Bliznyak, S. N. Kritskiy); roads and bridges section (N. Ya. Kalmykov, N. I. Ivanov, Ye. Ye. Gibshman, Mitropol'skiy); economics section (supervisor, V. S. Nemchinov); and two others. The number of sections may be increased and their staffs expanded, depending on requirements. (1, 3)

In connection with new and pressing problems of construction, the problem of organizing within the Academy of Sciences an Institute of Hydraulic Engineering has been given serious attention. At a committee meeting on 13 October 1950, it was decided to select a commission to be headed by Academician Vinter to study the problem and report proposals to the committee. (1)

SOURCES

1. Moscow, Gidrotekhnicheskoye stroitel'stvo, No 11, Nov 1950
2. Moscow, Vestnik Akademii Nauk SSSR, No 5, May 1951
3. Moscow, Elektrichestvo, No 1, Jan 1951

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